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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/680,456	10/07/2003	Gunter Koppelkamm	4100-334	4511

27799 7590 05/21/2004

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EXAMINER

EVANS HENCE, ANDREA

ART UNIT PAPER NUMBER

2854

DATE MAILED: 05/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/680,456

Applicant(s)

KOPPELKAMM, GUNTER

Examiner

Andrea H. Evans

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 07 October 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☐ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 10/7/03, 1/16/04
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### Allowable Subject Matter

1. Claims 3-7 and 10-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

2. The following is a statement of reasons for the indication of allowable subject matter: Referring to claim 3, the prior art does not teach a plate cylinder for carrying a printing plate in a printing press comprising a push rod which is displaceable in an axial direction and has cam surfaces which are effective to move a tensioning rail between an extended and a drawn-in position as the push rod is moved axially. Claims 4-7 and 10-12 depend from claim 3.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 2, 8 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Guaraldi et al (5284093).

Referring to claim 1, Guaraldi teaches a plate cylinder (10) for carrying a printing plate (150) in a printing press, said printing plate having a leading plate end (152) and a trailing plate end (154), said cylinder comprising: a cylinder body (14) having an axis (12); a tensioning channel (34) extending in an axial direction in said cylinder body, said channel having a contact surface (36) which said leading plate end can bear against, a tensioning rail in said

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channel, said tensioning rail (26) carrying a holding element (76) and being movable transversely to said axial direction between an extended position (See Column 2, lines 45-49; Figure 3), where said trailing plate end can be hooked on said rail after said leading plate end has been placed in said channel and said cylinder has been rotated, and a drawn-in position (See Column 4, lines 6-10), where said holding element fixes said leading plate end against said contact surface and trailing plate end is tensioned. (See Column 4, lines 19-26 and Column 4, lines 40-45).

Referring to claim 2, Guaraldi teaches a plate cylinder further comprising at least one spring element (78) which loads said tensioning rail toward said drawn-in position. (See Column 4, lines 21-24).

Referring to claim 8, Guaraldi teaches a plate cylinder wherein said tensioning rail (26), in said extended position, lies within said cylinder body. (See Figure 3).

Referring to claim 9, Guaraldi teaches a plate cylinder wherein said holding element (76) is a shaped leaf spring (See Column 2, lines 63-66).

### ***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Grosshauser (4893561) in view of Simeth (3858512).

Referring to claim 13, Grosshauser teaches a plate cylinder (1) for carrying at least two printing plates (9) in a printing press, each said printing plate having a leading plate end (7) and a trailing plate end (8), said cylinder comprising a cylinder body having an axis; at least two tensioning rails (24,26) for a printing plate, each said tensioning rail being movable between a tensioning position, where the respective printing plate is tensioned on said cylinder body (See Column 3, lines 52-62); and a release position, where the respective printing plate can be released from the cylinder body (See Column 4, lines 1-5); and at least one movement mechanism for activating said tensioning rails independently of one another (See Column 6, lines 11-14).

Grosshauser does not teach a plate cylinder that carries at least two printing plates. Simeth teaches a plate cylinder that carries at least two printing plates (See Column 4, lines 66-Column 5, line 5). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the plate cylinder of Grosshauser such that it carries at least two printing plates to provide printing in different colors as taught by Simeth.

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrea H. Evans whose telephone number is (571) 272-2162. The examiner can normally be reached on Monday- Friday; 8:30a-5:30p.

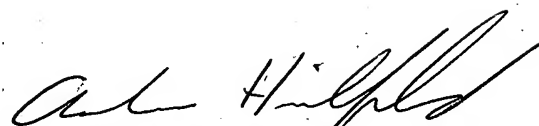
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Andrea H. Evans

AHE



ANDREW H. HIRSHFELD  
SUPERVISORY PATENT EXAMINER  
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